

Former Plainwell Impoundment Time-Critical Removal Action Semimonthly Construction Update

Progress Report #38—March 17, 2008

Work Completed: February 28-March 12, 2008

- Completed constructing access roads into Removal Areas 9A, 9B, 10A, 10B and 11B.
- Completed clearing and grubbing activities in Removal Areas 10B and 12B.
- Continued construction of Staging Area 4N.
- Loaded and transported solidified non-TSCA material remaining from 2007 activities from Staging Area 5S to Allied Waste's Ottawa County Farms landfill in Coopersville, Michigan.
- Continued daily and weekly construction quality assurance inspections.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	1715	49
2008 Total	0	0	1715	49
Project Total to Date	3,150	90	35630	1018

** All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: March 13-March 19, 2008

- Complete construction of access roads into Removal Areas 12B, 13B, and 12A.
- Complete construction activities associated with Staging Area 4N.
- Begin installing resuspension control systems in Removal Areas 9B and 13B.
- Begin removing soil/sediment in Removal Areas 9B and 13B.
- Complete loading and transporting solidified non-TSCA material remaining from 2007 activities from Staging Area 5S to Allied Waste's Ottawa County Farms landfill in Coopersville, Michigan.
- Begin installing the WCS Scour Protection System.



Removal Progress

The Removal Progress graphs will be on hiatus until removal activities commence in March.

Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress

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Health & Safety Update

- 2 Loss Prevention Observations (LPOs) were completed during this period.
A total of 114 LPOs have been completed for the project to date.

Weather Summary

- Work activities were limited on February 29th due to icy road conditions. Work activities were limited on March 3rd due to extremely wet conditions resulting from rain and snowmelt.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☒ Yes ☐
Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 120,000 gallons (increased volume resulted from warm temperatures)
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐ in
Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- The ARCADIS Design and Construction Management staffs are currently developing short-term and long-term plans to address bank erosion observed at Removal Area 7.

**Former Plainwell Impoundment
Time-Critical Removal Action
Semimonthly Construction Update
Progress Report #38
Page 5 of 8**

Equipment on Site

Equipment	2/23/03	2/29/03	3/1/03	3/2/03	3/3/03	3/4/03	3/5/03	3/6/03	3/7/03	3/8/03	3/9/03	3/10/03	3/11/03	3/12/03
Komatsu PC-300 Excavator	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	-	-	-	-	-	1	1	1	1		-	-	-	-
Komatsu PC-200 Excavator	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu D37 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu D61 Dozer	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu 380 loader	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT 328 Loader (King)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American 80-ton Crane (King)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Former Plainwell Impoundment
Time-Critical Removal Action
Semimonthly Construction Update
Progress Report #38
Page 6 of 8**

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	2/28/03	2/29/03	3/1/03	3/2/03	3/3/03	3/4/03	3/5/03	3/6/03	3/7/03	3/8/03	3/9/03	3/10/03	3/11/03	3/12/03
Terra Contracting Staff	10	10			11	11	11	10	10	7		14	14	14
Jim Saric/USEPA														
Michael Berkoff/USEPA														
Mike Ribordy/USEPA OSC							X							
Craig Thomas/USEPA														
Paul Bucholtz/MDEQ	X						X					X		X
John Bradley/MDEQ														
Judith Gapp/MDEQ														
John Lerg/MDNR								X						
Sharon Hanshue/MDNR														
Lisa Williams/USFWS														
Weston Contractors							X	X						
CDM Contractors	X				X		X	X						
Chase Fortenberry/KRSG							X							
Mark Brown/KRSG							X							
Steve Garbaciak/ARCADIS							X							
Adam Chwalibog/ARCADIS														
Eric Hritsuk/ARCADIS							X							X
Rich Price/ARCADIS														
Matt Bowman/ARCADIS							X							X
EJ Suardini/ARCADIS	X						X							X
Mike Kohagen/ARCADIS	X	X	X		X	X	X	X				X	X	X
Michelle Rumler/ARCADIS												X	X	X
Joe Willoughby/ARCADIS	X	X			X	X	X	X	X	X		X	X	X
Ben Lawrence/ARCADIS														
Nick Harmer/ARCADIS	X	X	X											
Other Subcontractors (Specify)														
King Co.													3	

**Former Plainwell Impoundment
Time-Critical Removal Action
Semimonthly Construction Update
Progress Report #38
Page 7 of 8**

Photos from Reporting Period #38



Preparing the subgrade at Staging Area 4N.



Constructing an access road in Removal Area 10A.



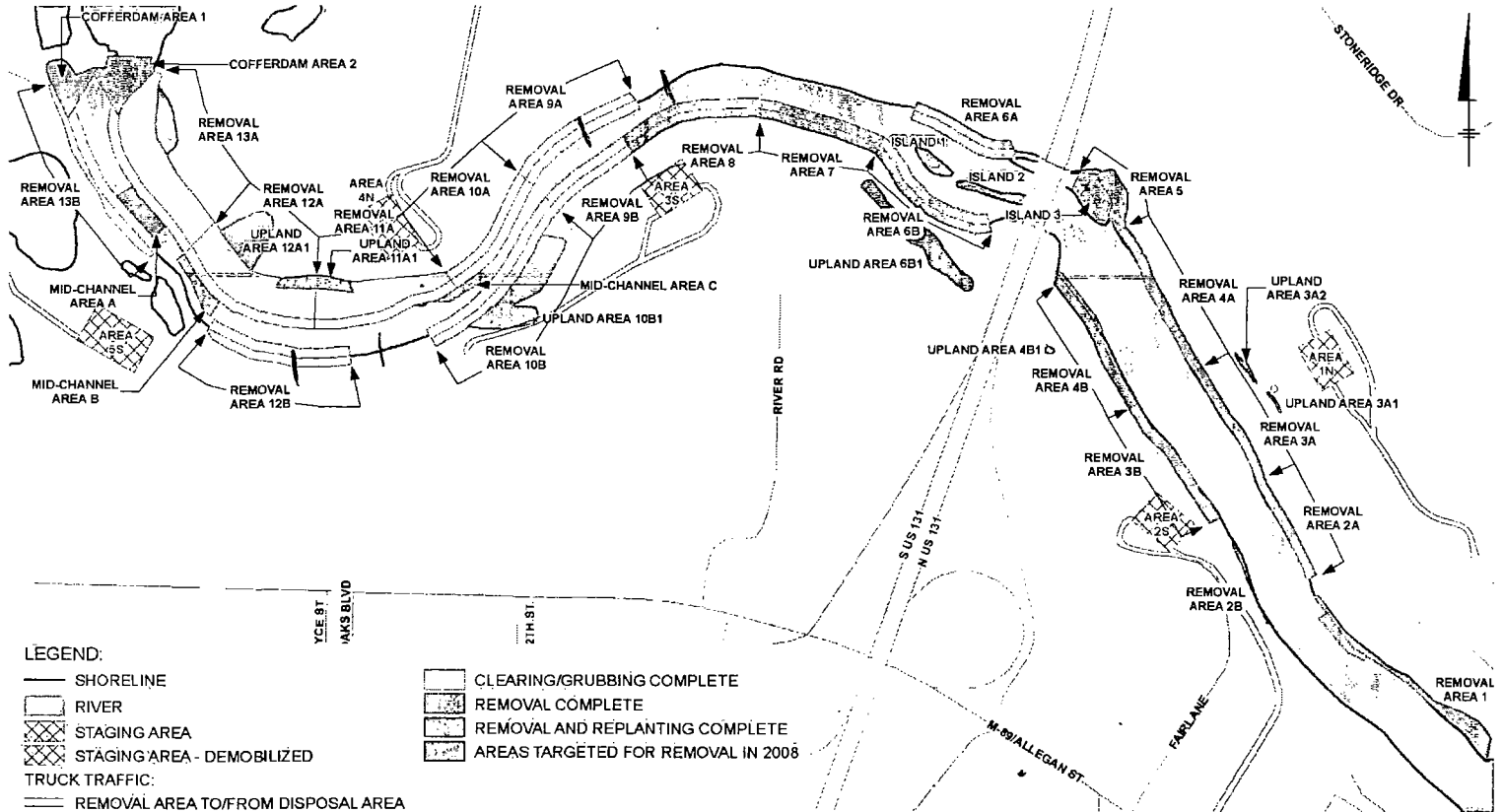
Loading processed non-TSCA material at Staging Area 5S.



Unloading geotextile material near Staging Area 4N.

**Former Plainwell Impoundment
Time-Critical Removal Action
Semimonthly Construction Update
Progress Report #38
Page 8 of 8**

Targeted Removal Areas—Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.

9A 12 B 13 B